

### **Abstract**

[0052] A tension adjusting device is attached to an axle member of a driven wheel of a vehicle and is coupled to a forked frame member to adjust tension of a chain. The tension adjusting device has two tension adjusters joined to each side of the axle member that engages a guide recess of the forks of the frame member and support the axle fastener to secure the axle member to the two adjustment plates. The two adjustment plates include extending members that each extend over an end of each fork. An adjustment bore is drilled through the extending member and aligned with the ends of the forks. An adjustment stud is affixed through the adjustment bores to make contact with the end of the forks and to allow the axle member of the driven wheel to move in an adjustment slot to adjust the tension of the chain